

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
24641-1070SERIAL NO.  
09/679/725LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Whirly and Chobotov.FILING DATE  
October 4, 2000GROUP  
Unassigned.

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)


Prok	Christon <i>et al.</i> "Visualization of High Resolution, Three-Dimensional, Nonlinear Finite Element Analyses," <u>Proceedings, Visualization '92</u> (Car. No. 92Ch3201-1) (1992).
ck	Elger <i>et al.</i> "The Influence of Shape on the Stresses in Model Abdominal Aortic Aneurysms," <u>Transactions of the ASME</u> 326:326-32 (1996).
Q	Holzappel <i>et al.</i> "Large strain analysis of soft biological membranes: Formulation and finite element analysis," <u>Comp. Methods. Appl. Mech. Engrg.</u> 132:45-61 (1996).
CR	Hoover <i>et al.</i> "Parallel Algorithms for Finite Element Analysis (DYNA3D/NIKE3D)," UCRL-JC-127647 Abstract. Lawrence Livermore National Laboratory Technical Publication. 1997
Q	How <i>et al.</i> "Mechanical Properties of Arteries and Arterial Grafts," Chapter 1 of <u>Cardiovascular BIOMATERIALS</u> Hasting, G.W. (ed.) London; New York: Springer-Verlag, 1992 pgs. 1-35.
CR	Lakshmiraghavan, M. <u>Mechanical Wall Stress in Abdominal Aortic Aneurysm: Towards the Development of a Clinical Tool to Predict Aneurysm Rupture</u> , Submitted to the University of Pittsburgh, Volume 59/09-B of Dissertaion Abstracts International Page 4948. 285 pages (1998).
CR	Mosora <i>et al.</i> "Modelling the arterial wall by finite elements," <u>Archives Internationales de Physiologie, de Biochimica et de Biophysique</u> 101:185-91 (1992).
CR	Mower <i>et al.</i> "Stress Distributions in Vascular Aneurysms: Factors Affecting Risk of Aneurysm Rupture," <u>J. Surgical Research</u> 55:151-61 (1993).
CR	Papageorgiou, G.L. and N.B. Jones, "Physical Modelling of the Arterial Wall. Part2: Simulation of the Non-Linear Elasticity of the Arterial Wall," <u>J. Biomed. Eng.</u> 9:216-21 (1987).

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DATE CONSIDERED

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT 	APPLICANT Whirly and Chobotov.	
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CR	Simon <i>et al.</i> "Finite Element Models for Arterial Wall Mechanics" <u>J. Biomechanical Engineering</u> 115:489-96 (1993).
CR	Tanaka <i>et al.</i> "Inelastic Constitutive Modeling of Arterial and Ventricular Walls," 1996 <u>Computational Biomechanics</u> Hayashi, Ishikawa (eds.) Springer Press pgs. 137-163.
CR	Vito <i>et al.</i> "Stress Analysis of the Diseased Arterial Cross-section," 1990 Advances in Bioengineering American Society of Mechanical Engineers, Bioengineering Division (Publication) BED v. 17, ASME: New York, (1990). pgs. 273-6.
CR	Xu <i>et al.</i> "Coupled Modeling of Blood Flow and Arterial Interactions by The Finite Element Method," <u>Proceedings of the Computers in Cardiology 1993 IEEE Computer Society Press</u> September 5-8, 1993 pgs. 687-90.

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